L Number	Hits		DB	Time stamp
1	6	(("4698996") or ("4841869") or ("5023495")	USPAT	2003/10/24 13:29
		or ("5606256") or ("5939845") or		1
		("6326708")).PN.		1
2	4	reciprocating near3 scroll near3	US-PGPUB	2003/10/24 14:06
		compressor and birch and initial	**	1 2 3 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
3	2	rail near3 gun and magnet\$4 near3 pol\$6	US-PGPUB	2003/10/24 14:10
4	16	rail near3 gun and magnet\$4 near3 pol\$6	USPAT	2003/10/24 14:10
5	14	reciprocating near3 gas near3 compressor	US-PGPUB	2003/10/24 15:41
-	~ -	and birch	05 201.05	7.003/10/21 1.3.41
6	7	reciprocating same oscillating and birch	US-PGPUB	2003/10/24 15:33
7	18	reciprocat\$4 same oscillat\$4 and birch	US-PGPUB	2003/10/24 15:36
8	16	compress\$4 same oscillat\$4 and birch	US-PGPUB	2003/10/24 15:37
9	1	reluctance same oscillat\$4 and birch	US-PGPUB	2003/10/24 15:37
10	19	reciprocating same gas near3 compressor	US-PGPUB	
10		and birch	US-FGFUB	2003/10/24 15:44
11	12	310/\$7.ccls. and compressor and birch	US-PGPUB	2002/10/24 25:50
12	10	310/\$7.ccls. and compressor and convex		2003/10/24 15:50
1-	1.0	same concave	US-PGPUB	2003/10/24 15:49
13	7	310/\$7.ccls. and oscillat\$6 and birch	He Depur	1 2002 /10 /24 75 7
14	17		US-PGPUB	2003/10/24 16:14
	8	310/\$7.ccls. and reciprocat\$6 and birch	US-PGPUB	2003/10/24 15:51
15	-	310/\$7.ccls. and degrees and birch	US-PGPUB	2003/10/24 16:14
16	0	310/\$7.ccls. and korea and birch	US-PGPUB	2003/10/24 16:15
17	424	oscillat\$6 and birch	US-PGPUB	2003/10/24 16:15
18	21	310/\$7.ccls. and kr and birch	US-PGPUB	2003/10/24 16:25
19	8	318/\$7.ccls. and kr and birch	US-PGPUB	2003/10/24 16:26
20	11	29/\$7.ccls. and kr and birch	US~PGPUB	2003/10/24 16:26
21	40	417/\$7.ccls. and kr and birch	US-PGPUB	2003/10/24 17:01
22	0	5950543.pn. and (sens\$4 or detect\$4) near3	US-PGPUB	2003/10/24 17:02
		position		
23	0	5950543.pn. and (sens\$4 or detect\$4)	US-PGPUB	2003/10/24 17:03
24	0	5950543.pn.	US-PGPUB	2003/10/24 17:03
25	1	5950543.pn. and (sens\$4 or detect\$4)	USPAT	2003/10/24 17:11
26	59	position near3 (sens\$4 or detect\$4) near3	USPAT	2003/10/24 17:12
		coil near8 magnet\$4 and 310/\$7.ccls.		
-	1.4	reciprocating near3 scroll near3	US-PGPUB	2003/10/24 15:07
		compressor and birch		
- 1	1	("6104108").PN.	USPAT	2003/10/23 08:53
- }	6	konotchick and linear same (generator or	USPAT	2003/10/23 09:58
		motor)	ĺ	
-	62	linear near3 generator and two near4	USPAT	2003/10/23 08:56
		magnet:		
-	3	5452520.pn. or 5818132.pn. or 5347186.pn.	USPAT	2003/10/23 10:00
_	4	5452520.pn. or 5818132.pn. or 5347186.pn.	USPAT	2003/10/24 09:51
		or 5775169.pn.		
-	49	ferrofluid and 310/\$7.ccls.	USPAT	2003/10/24 10:36
-	95	ferrofluid\$4 and 310/\$7.ccls.	USPAT	2003/10/23 10:03
-	5	5452520.pn. or 5818132.pn. or 5347186.pn.	USPAT	2003/10/23 10:25
		or 5775169.pn. or 5908987.pn.		
-	140	fluorocarbon same mineral near3 oil	USPAT	2003/10/23 10:29
_	1	fluorocarbon same mineral near3 oil and	USPAT	2003/10/23 10:23
		ferrofluid	SSIAI	2003/10/23 10.33
	48	mineral near3 oil and ferrofluid	USPAT	2003/10/23 10:45

or ("4108767") or ("4292615") or ("4315827") or ("4315827") or ("4345967") or ("43560227") or ("431587") or ("4360222") or ("43167672") or ("43167672") or ("4316767") or ("431677") or ("5069216") or ("431677") or ("5316767") or ("6103880") or ("610380") or ("61038		73	(("3531413") or ("4025448") or ("4094804")	T ttonam	2003/10/23 10:45
("4495971"; or ("430023") or ("431582")	-	/3	or ("4108767") or ("4025448") or ("4094804")	USPAT	2003/10/23 10:45
or ("443929") or ("443532") or ("4576725") or ("448940") or ("448502") or ("4576725") or ("448940") or ("4360422") or (4626370") ("4696180") or ("418502") or (4626370") ("4696180") or ("418502") or ("4348120") or ("4956113") or ("437641850") or ("4348120") or ("4956113") or ("437641850") or ("5507913") or ("5065216") or ("512606") or ("5171424") ("5143637") or ("512606") or ("5171424") ("5129554") or ("512606") or ("5171424") ("5129554") or ("5120606") or ("5171424") or ("55077480") or ("5576218") or ("5171424") or ("55679480") or ("5576218") or ("5171424") or ("5165197") or ("516687") or ("5162685") or ("51651996") or ("516687") or ("5162685") or ("51651996") or ("516687") or ("5162685") or ("5165197") or ("5162685") or ("5162685") or ("6110399") or ("5162685") or ("610380") or ("6110399") or ("5165610") or ("610380") or ("6110399") or ("610580") or ("610380") or ("6110399") or ("610580") or ("610380") or ("6110399") or ("610580") or ("610380") or ("6110399") or ("610380") or ("610380") or ("613721")Ph  - 16 consenseig and mineral near3 oil - 107 fluorocarbon same defined same chain - 1107 fluorocarbon same defined same chain - 12064172" or ("610380") or ("613721")Ph  - 16 consenseig and mineral near3 oil - 10 mineral same ferrofluid same viscocity - 10 mineral same ferrofluid same viscocity - 10 mineral same ferrofluid same viscocity - 11 cluorine same ferrofluid same viscocity - 12 constipuise) - 13 centipuise) - 14 cluorine same ferrofluid same - 15 constipuise) - 16 consense viscocity or op or USPAT 2003/10/23 10:10 - 17 constipuise) - 18 constipuise or viscocity or op or USPAT 2003/10/23 11:10 - 18 constipuise or viscocity or op or USPAT 2003/10/23 11:10 - 19 constipuise or viscocity or substant 2003/10/23 11:10 - 19 constipuise or viscocity or substant 2003/10/23 11:20 - 10 constipuise or viscocity or substant 2003/10/23 11:20 - 11 constipuise or viscocity or substant 2003/10/23 11:20 - 12 constipuise or viscocity - 13 constipuise or viscocity - 14 constipuise or viscocity - 15 constipuise or visco		1	("4295971") or ("4308603") or ("4315827")	Ļ	
("4449940") or ("4467975") or ("457975") or ("4579173") or ("4662427") or ("4626370") or ("4701276") or ("5139888") or ("51496113") or ("61496131") or ("6149613") or ("					
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("4731239") or ("4741850") or ("4895013") or ("4895013") or ("4895013") or ("4995013") or ("4995013") or ("5069216") or ("5069216") or ("513460") or ("514750") or ("517648") or ("517648") or ("517648") or ("5578238") or ("5599608") or ("5578238") or ("5599608") or ("5578238") or ("5569960") or ("5578238") or ("55699608") or ("5596968") or ("5596968") or ("5896968") or ("5896988") or ("68068780") or ("6806888") or ("68068780") or ("68068889") or ("68068780") or ("6180628") or ("6180628") or ("618068780") or ("618068780") or ("6180628") or ("618068780") or ("6180628") or ("618068780") or ("6180628") or ("618			("4608186") or ("4624797") or ("4626370")		
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("4956113") or ("497606") or ("5107513") or ("514363") or ("514363") or ("5147573") or ("517424") or ("514363") or ("5147573") or ("517424") or ("519636") or ("5180908") or ("5180912") or ("6180912") or ("6180912") or ("6180912") or ("6180912") or ("618091") or ("619081") or ("	1			,	
cr ("5069216") or ("5124060") or ("5174124")     cr ("51343637") or ("517408") or ("5174124")     cr ("519554") or ("518908") or ("5382373")     cr ("519554") or ("5598238") or ("5598238") or ("55982688") or ("55982688") or ("55982688") or ("55982688") or ("5864572") or ("566857") or ("5864572") or ("58645817") or ("58164817") or ("6164817") or ("6164817") or ("616481817") or ("61984817") or ("61984817") or ("61984817") or ("61984817") or ("61984817") or ("61984817") or ("61984818") or ("61984	1				
("5143637") or ("5147573") or ("5171424") or ("5190637") or ("519068") or ("519068") or ("5219554") or ("5320906") or ("5382373") or ("5598908") or ("5598914") or ("559838") or ("5598914") or ("5598917") or ("5598917") or ("556891") or ("5598917") or ("556891") or ("5598917") or ("556891") or ("5598917") or ("5598917") or ("5598917") or ("5598917") or ("5598917") or ("5998917") or ("6106380") or ("6106380") or ("6106380") or ("6106380") or ("6106380") or ("610390") or ("6108987") or ("610380") or ("610390")	1	1			į.
or ("519635") or ("519609") or ("5382373") or ("5571948") or ("5577948") or ("5577948") or ("5578238") or ("5598908") or ("559318") or ("559318") or ("559318") or ("5583187") or ("6086878") or ("6086878") or ("6106808") or ("6106808") or ("6106808") or ("61906878") or ("61906878") or ("61908678") or ("6193844") or ("613721").PN.  - 16		1			
("521955") or ("537960") or ("538237") or ("559828") or ("559808") or ("5599474") or ("564575") or ("5769996") or ("576977") or ("566677") or ("5769996") or ("59752212") or ("582688") or ("5916146") or ("5851644") or ("5863645") or ("5916322") or ("6163687") or ("6193844") or ("616322") or ("6163687") or ("6193844") or ("61372").PN  - 16 orsonsweig and mineral near3 oil USPAT 2003/10/23 10:30 or ("6193844") or ("61372").PN - 107 fluoriocarbon same defined same chain USPAT 2003/10/23 10:51 use of the company of					
cr ("5577948") or ("559829") or ("5598908") or ("5598318") or ("5958148") or ("6056888") or ("6056888") or ("6056888") or ("6056888") or ("6056888") or ("610399") or ("6106380") or ("610399") or ("6106380") or ("610399") or ("6106380") or ("610328") or ("610380") or ("610328") or ("610380") or ("610328") or ("610380") or ("610380") or ("610380") or ("610380") or ("610380") or ("610322").P.N.  - 16				I	1
("559898") or ("5599414") or ("5645752") or ("576097") or ("576097") or ("576687") or ("582688") or ("5831619") or ("582688") or ("5816416") or ("5851644") or ("5863645") or ("5916321") or ("59539944") or ("5963416") or ("5963221") or ("5963221") or ("5963221") or ("5963221") or ("5963221") or ("5963221") or ("6056889") or ("6086780") or ("6193844") or ("6186289") or ("6193621") or ("6193844") or ("6193621") or ("6193844") or ("6193621") or ("6193844") or ("6193621") or ("6193844") or ("6193221").PN  - 16 coscarseug and mineral near3 oil USPAT 2003/10/23 10:30 ("6193221").PN - 107 fluoriocarbon same defined same chain USPAT 2003/10/23 10:51 ("619321").PN - 108 mineral same ferrofluid USPAT 2003/10/23 10:51 ("6193621") or ("6193621"					
("5769996") or ("58795212") or ("5826885") or ("5831914") or ("5839944") or ("5831916") or ("583994") or ("583994") or ("583994") or ("5953635") or ("5954832") or ("5954832") or ("5954832") or ("6056889") or ("6056889") or ("6056889") or ("6068780") or ("6168276") or ("6168276") or ("616877") or ("619657") or ("6196857") or ("6196857") or ("6196857") or ("6196857") or ("6129857") or ("612985	}	1	("5598908") or ("5599474") or ("5645752")	i	ļ
or ("5951416") or ("593394") or ("5956345") or ("5951463") or ("5916539") or ("5916641") or ("5956345") or ("5948321") or ("5948321") or ("5948316") or ("5968316") or ("610380") or ("619867") or ("6					
("S551416") or ("S5851644") or ("5963455") or ("S96332") or ("596359") or ("596641") or ("595832") or ("6056889") or ("6056889") or ("6056889") or ("6068730") or ("616808") or ("6168226") or ("6168726") or ("6168726") or ("6168726") or ("6168726") or ("6168726") or ("618721").PN.	}				
or ("594832") or ("591664") or ("5958282") or ("594832") or ("5968316") or ("59587536") or ("6056889") or ("6056880") or ("610399") or ("6149857") or ("6193844") or ("6193844") or ("6193867") or ("6193844") or ("6193849") or ("6193844") or ("6193849") or ("6193844") or ("6193849") or ("6193844") or ("6193849") or ("6193	l			1	ļ
("594831") or ("5954991") or ("5958202") or ("5056889") or ("6056889") or ("6056889") or ("6169870") or ("6169870") or ("6169870") or ("6169870") or ("6169870") or ("6169870") or ("6199870") or ("619		1			
or ("5968316") or ("5975356") or ("6106380") or ("6106380") or ("6106399") or ("6106380") or ("6110399") or ("6140987") or ("6199867") or ("6199867") or ("6199867") or ("6402876") or ("6	1	}			
("6056889") or ("6149857") or ("616380") or ("6149857") or ("6139844") or ("6199867") or ("6149857") or ("6193844") or ("6132172") or ("6190561") or ("6193844") or ("66132172") or ("6190561") or ("6193844") or ("66132172") or ("6533141") or ("66132172") or ("66132172") or ("6132172") or ("6132172") or ("613217").FM.  107 fluorocarbon same defined same chain USPAT 2003/10/23 10:49 tluorine same ferrofluid USPAT 2003/10/23 10:50 USPAT 2003/10/23 10:51 USPAT 2003/10/23 13:21 Centipolise) (ferrofluid same (viscocity or cp) USPAT 2003/10/23 13:21 Centipolise) (ferrofluid same (viscocity or cp or centipolise) (ferrofluid same (viscocity or cp or centipolise) (reprofluid same (viscocity or cp) USPAT 2003/10/23 11:10 USPAT 2003/10/23 11:11 USPAT 2003/10/23 11:12 USPAT 2003/10/23 11:12 USPAT 2003/10/23 11:12 USPAT 2003/10/23 11:25 USPAT 2003/10/23 11:25 USPAT 2003/10/23 11:25 USPAT 2003/10/23 11:25 USPAT 2003/10/23 12:29 USPAT 2003/10/23 12:30 USPAT 2003/10/23 12:44 USPAT 2003/10/23		1			
or ("6110399") or ("6149857") or ("6193844") or ("618926") or ("6190561") or ("6193844") or ("619326") or ("619387") or ("619387") or ("619387") or ("619327")).PN.  16 rosensweig and mineral near3 oil USPAT 2003/10/23 10:50 diluts as the ferrofluid same chain USPAT 2003/10/23 10:50 diluts as the ferrofluid same viscocity USPAT 2003/10/23 10:51 viscocity or cp) USPAT 2003/10/23 10:51 viscocity viscocity or cp) USPAT 2003/10/23 13:21 centipoise)  13 (ferrofluid same (viscocity or cp or USPAT 2003/10/23 13:21 centipoise)  14 (viscocity or cp) USPAT 2003/10/23 13:21 centipoise)  15 (ferrofluid same (viscocity or cp or USPAT 2003/10/23 13:11 1913 diluts as the ferrofluid same (viscocity or cp or USPAT 2003/10/23 13:21 centipoise)  16 (viscocity or cp) USPAT 2003/10/23 11:10 entipoise)  17 (ferrofluid same (viscocity or cp or USPAT 2003/10/23 11:11 1913 diluts as the ferrofluid same (viscocity or cp) USPAT 2003/10/23 11:11 1913 diluts as the ferrofluid same (viscocity or cp) USPAT 2003/10/23 11:12 1914 hydrocarbons4 near4 acid USPAT 2003/10/23 11:23 1914 hydrocarbons4 near4 acid USPAT 2003/10/23 11:23 1914 hydrocarbons4 near4 acid same ferrofluid USPAT 2003/10/23 11:23 1914 hydrocarbons4 near4 acid same (cp or USPAT 2003/10/23 11:23 1914 hydrocarbons4 near4 acid same (cp or USPAT 2003/10/23 12:24 10/10/23 12:25	1				
("6180226") or ("6190561") or ("6193844") or ("6193867") or ("6402876") or ("623172") or ("5503414") or ("6613721") .PR.  16 1707 fluorocarbon same defined same chain 1707 fluorocarbon same defined same chain 1807 fluorocarbon same defined same chain 1807 fluorocarbon same defined same chain 1807 fluorocarbon same derioduid same cp 1807 mineral same ferrofluid same cp 1807 mineral same ferrofluid same viscocity 1807 usisocity 1807 ferrofluid same (viscocity or cp) 1807 ferrofluid same (viscocity or cp) 1807 ferrofluid same (viscocity or cp or 1807 centipoise) 181 (ferrofluid same (viscocity or cp or 1807 centipoise) 182 (ferrofluid same (viscocity or cp or 183 (ferrofluid same (viscocity or cp or 184 (viscocity or cp)) 185 (paraffins4 same ferrofluid same 185 (viscocity or cp)) 186 (viscocity or cp) 187 (viscocity or cp) 188 (viscocity or cp or uspant 188 (viscocity or cp) 188 (viscocity or cp or uspant 188 (viscocity or cp) 188 (vi	ļ	1			Į.
or ("6199867") or ("6402876") or ("6403172") or ("6503414") or ("6613721")).PN.  16 rosensweig and mineral near3 oil USPAT 2003/10/23 10:49 1 fluorocarbon same defined same chain USPAT 2003/10/23 10:50 1 mineral same ferrofluid same cp USPAT 2003/10/23 10:51 0 mineral same ferrofluid same viscocity USPAT 2003/10/23 10:51 0 mineral same ferrofluid same viscocity USPAT 2003/10/23 10:51 0 mineral same ferrofluid same USPAT 2003/10/23 10:51 0 mineral same ferrofluid same USPAT 2003/10/23 10:51 0 mineral same ferrofluid same USPAT 2003/10/24 09:19 10 ferrofluid same (viscocity or cp) USPAT 2003/10/24 09:19 11 ferrofluid same (viscocity or cp or centipoise) 13 (ferrofluid same (viscocity or cp or USPAT 2003/10/23 13:21 13 (ferrofluid same (viscocity or cp or centipoise) not (ferrofluid same (viscocity or cp) USPAT 2003/10/23 11:10 14 paraffins4 same ferrofluid USPAT 2003/10/23 11:11 15 paraffins4 same ferrofluid USPAT 2003/10/23 11:12 16 paraffins4 same ferrofluid USPAT 2003/10/23 11:12 17 dilutc84 same ferrofluid same (cp or USPAT 2003/10/23 11:25 18 dilutc84 same ferrofluid same (cp or USPAT 2003/10/23 11:25 19 dilutc84 same ferrofluid same (cp or USPAT 2003/10/23 11:25 10 dilutc84 same ferrofluid same (cp or USPAT 2003/10/23 12:39 10 dilutc84 same ferrofluid same (USPAT 2003/10/23 12:39 11 dilutc84 same ferrofluid same (USPAT 2003/10/23 12:39 12 dilutc84 near6 isopar USPAT 2003/10/23 12:39 13 dilutc84 near6 isopar and (bearing or USPAT 2003/10/23 12:39 14 dilutc84 near6 isopar and (bearing or USPAT 2003/10/23 12:42 14 solvent near6 isopar same hoxane USPAT 2003/10/23 12:42 15 dilutc84 same ferrofluid same commercially near3 available solvent near6 isopar same hoxane USPAT 2003/10/23 12:42 18 solvent near6 isopar same hoxane USPAT 2003/10/23 12:42 18 solvent near6 isopar same hoxane USPAT 2003/10/23 13:00 10 solvent near6 isopar same hoxane USPAT 2003/10/23 13:01 20 solvent near6 isopar same hoxane USPAT 2003/10/23 13:01 20 solvent near6 isopar same hoxane USPAT 2003/10/23 13:01				ı	
16	1	}			
16			("6423172") or ("6503414") or		
107   fluorocarbon same defined same chain   USPAT   2003/10/23 10:49	]	}			1
fluorine same ferrofluid same cp	-			]	1
0 mineral same ferrofluid same viscocity   USPAT   2003/10/23 10:51   viscocity   viscocity   USPAT   2003/10/23 10:51   viscocity   viscocity   USPAT   2003/10/23 10:51   viscocity	_				
O mineral same ferrofluid same viscocity   USPAT   2003/10/23 10:51   viscocity   viscocity   viscocity   Terrofluid same (viscocity or cp)   USPAT   2003/10/23 10:51   viscocity   Terrofluid same (viscocity or cp)   USPAT   2003/10/24 09:19   70   ferrofluid same (viscocity or cp or centipoise)   (ferrofluid same (viscocity or cp or centipoise)   (ferrofluid same (viscocity or cp)   USPAT   2003/10/23 11:10   (viscocity or cp))   isoparaffin34 same ferrofluid   USPAT   2003/10/23 11:11   17913   hydrocarbon34 near4 acid   USPAT   2003/10/23 11:13   USPAT   2003/10/23 11:23   2003/10/23 11:25   Earthpoise or viscosity)   (viscosity)   (visco		1			1
mineral same ferro neard fluid same   USPAT   2003/10/23 10:51   viscocity   ferrofluid same (viscocity or cp)   USPAT   2003/10/24 09:19   70   ferrofluid same (viscocity or cp or centipoise)   (ferrofluid same (viscocity or cp or centipoise))   not (ferrofluid same (viscocity or cp or centipoise))   not (ferrofluid same (viscocity or cp or cy))   USPAT   2003/10/23 11:10   ventipoise)   viscocity or cp)   USPAT   2003/10/23 11:11   10   10   paraffins4 same ferrofluid   USPAT   2003/10/23 11:12   2003/10/23 11:14   17913   hydrocarbons4 near4 acid same ferrofluid   USPAT   2003/10/23 11:12   2003/10/23 11:23   2003/10/23 11:25	_				l .
Viscocity   Viscocity   Viscocity   Carrofluid   Same   (Viscocity   Or cp)   USPAT   2003/10/23   13:21   2003/10/23   13:21   2003/10/23   13:21   2003/10/23   13:21   2003/10/23   13:21   2003/10/23   13:21   2003/10/23   13:21   2003/10/23   13:21   2003/10/23   2003/10/2	_	-	,		,
57		, ·		USTAT	2.003/10/23 10:51
To	-	57		USPAT	2003/10/24 09:19
Centipoise   (ferrofluid same (viscocity or cp or centipoise)) not (ferrofluid same (viscocity or cp))   (soparaffins4 same ferrofluid USPAT 2003/10/23 11:10   paraffins4 same ferrofluid USPAT 2003/10/23 11:11   17913   hydrocarbons4 near4 acid USPAT 2003/10/23 11:12   11   hydrocarbons4 near4 acid USPAT 2003/10/23 11:13   12   11   12   11   hydrocarbons4 near4 acid USPAT 2003/10/23 11:25   2003/10/23 11:2	_	70		1	
centipoise)   not (ferrofluid same (viscocity or cp))				ę.	
(viscocity or cp)) isoparaffins same ferrofluid paraffins same ferrofluid phydrocarbons near acid same ferrofluid USPAT 2003/10/23 11:29 diluts same ferrofluid same (cp or USPAT 2003/10/23 11:25 centipoise or viscosity) diluts same ferrofluid same (cp or USPAT 2003/10/23 13:08 centipoise or viscosity)  ("3788465").PN. diluts same isopar USPAT 2003/10/23 12:28 diluts near isopar same (bearing or USPAT 2003/10/23 12:39 diluts near isopar same (bearing or USPAT 2003/10/23 12:29 lubrics ) diluts near isopar and (bearing or USPAT 2003/10/23 12:29 lubrics ) diluts same ferrofluid same solvent USPAT 2003/10/23 12:33 lost solvent near isopar and electric near USPAT 2003/10/23 12:44 good near actuator or machine or generator) solvent near isopar same commercially near actuator or machine or generator) solvent near isopar same hexane USPAT 2003/10/23 13:07 lost solvent near isopar same hexane uSPAT 2003/10/23 13:07 solvent near isopar same hexane and (motor or engine or actuator or generator) solvent near isopar same hexane and ferrofluid solvent near isopar same hexane and solvent user isopar same hexane and ferrofluid solvent near isopar same hexane and ferrofluid solvent near isopar same hexane and solvent user isopar same hexane and ferrofluid solvent near isopar same hexane and solvent near isopar same hexane and solvent near isopar same hexane and solvent near isopar same hexane same user user user in the solog in the solvent near isopar same hexane same user user is not s	-	13		USPAT	2003/10/23 11:10
0   isoparaffin\$4 same ferrofluid   USPAT   2003/10/23 11:11   17913   hydrocarbon\$4 near4 acid   USPAT   2003/10/23 11:14   17913   hydrocarbon\$4 near4 acid   USPAT   2003/10/23 11:19   11   hydrocarbon\$4 near4 acid same ferrofluid   USPAT   2003/10/23 11:23   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:26   2003/10/23 11:36   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:26   2003/10/23 11:25   2003/10/23 11:2		1		1	
9   paraffins4 same ferrofluid   USPAT   2003/10/23 11:14   hydrocarbons4 near4 acid   USPAT   2003/10/23 11:19   11   hydrocarbons4 near4 acid   USPAT   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:25   2003/10/23 11:26   2003/10/2				. 23	
17913	_	1			
11	<u> </u>				
9   dilute\$4 same ferrofluid same (cp or centipoise or viscosity)		1	· · · · · · · · · · · · · · · · · ·		
Centipoise or viscosity    dilut\$4 same ferrofluid same (cp or centipoise or viscosity)   1	-	1	, -	1	1
14   dilut\$4 same ferrofluid same (cp or centipoise or viscosity)		1		JULAI	2003/10/23 11.23
Centipoise or viscosity)   Carrier	-	1.4		USPA'T	2003/10/23 13:08
455   dilut\$4 same isopar   USPAT   2003/10/23 12:28		1	centipoise or viscosity)		į
- 455 dilut\$4 same isopar	-	_			2003/10/23 11:36
dilut\$4 near6 isopar same (bearing or lubric\$5)	) -				2003/10/23 12:28
129	[ -			1	2003/10/23 12:39
129   dilut\$4 near6 isopar and (bearing or lubric\$5)   2003/10/23 12:29	-	0		USPAT	2003/10/23 12:29
lubric\$5) dilut\$4 same ferrofluid same solvent  1081 solvent near6 isopar solvent near6 isopar and electric near3 (motor or actuator or machine or generator)  109 solvent near6 isopar same commercially near3 available solvent near6 isopar same hexane 142 solvent near6 isopar same hexane solvent near6 isopar same hexane motor or engine or actuator or generator)  109 solvent near6 isopar same hexane solvent near6 isopar same hexane nd (motor or engine or actuator or generator) solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane same  100 solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane same  100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same 100 solvent near6 isopar same hexane same	} _	120		HODE	2002/10/02 10 02
dilut\$4 same ferrofluid same solvent   USPAT   2003/10/23 12:33   2003/10/23 12:44   2003/10/23 12:44   2003/10/23 12:42   2003/10/23 12:42   2003/10/23 12:42   2003/10/23 12:42   2003/10/23 12:42   2003/10/23 12:42   2003/10/23 12:42   2003/10/23 12:42   2003/10/23 12:42   2003/10/23 12:59   2003/10/23 12:59   2003/10/23 12:59   2003/10/23 13:07   2003/10/23 13:07   2003/10/23 13:07   2003/10/23 13:00   2003/10/23 13:00   2003/10/23 13:01   20	_	129		USPAT	2003/10/23 12:29
- 1081 solvent near6 isopar solvent near6 isopar and electric near3 (motor or actuator or machine or generator) - 109 solvent near6 isopar same commercially near3 available solvent near6 isopar same hexane solvent near6 isopar same hexane and (motor or engine or actuator or generator) - 18 solvent near6 isopar same hexane and (motor or engine or actuator or generator) solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane same USPAT 2003/10/23 13:01	_	6		HSDAT	2003/10/23 12:22
9 solvent near6 isopar and electric near3 (motor or actuator or machine or generator) 109 solvent near6 isopar same commercially near3 available solvent near6 isopar same hexane uspat 2003/10/23 12:59 142 solvent near6 isopar same hexane and (motor or engine or actuator or generator) 18 solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane same USPAT 2003/10/23 13:01	[ -				
(motor or actuator or machine or generator)  109 solvent near6 isopar same commercially near3 available solvent near6 isopar same hexane 142 solvent near6 isopar same hexane and (motor or engine or actuator or generator)  0 solvent near6 isopar same hexane and ferrofluid 3 solvent near6 isopar same hexane same  USPAT 2003/10/23 13:01	i -	9	solvent near6 isopar and electric near3		
generator) solvent near6 isopar same commercially near3 available solvent near6 isopar same hexane 142 solvent near6 isopar same hexane solvent near6 isopar same hexane and (motor or engine or actuator or generator) solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane same USPAT 2003/10/23 13:01 2003/10/23 13:01					
near3 available solvent near6 isopar same hexane solvent near6 isopar same hexane and (motor or engine or actuator or generator) solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane same  USPAT 2003/10/23 13:07 2003/10/23 13:00 USPAT 2003/10/23 13:01			generator)		
near3 available solvent near6 isopar same hexane 18 solvent near6 isopar same hexane and (motor or engine or actuator or generator) solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane same  USPAT 2003/10/23 13:07 2003/10/23 13:00 USPAT 2003/10/23 13:01	] -	109		USPAT	2003/10/23 12:59
- 18 solvent near6 isopar same hexane and (motor or engine or actuator or generator) - 0 solvent near6 isopar same hexane and ferrofluid - 3 solvent near6 isopar same hexane same USPAT 2003/10/23 13:01			near3 available		
(motor or engine or actuator or generator) solvent near6 isopar same hexane and ferrofluid 3 solvent near6 isopar same hexane same USPAT 2003/10/23 13:01	-	142	solvent near6 isopar same hexane	1	
o solvent near6 isopar same hexane and ferrofluid solvent near6 isopar same hexane same USPAT 2003/10/23 13:01	-	18	solvent nearb isopar same hexane and	USPAT	2003/10/23 13:00
ferrofluid  3 solvent near6 isopar same hexane same USPAT 2003/10/23 13:01	_		(motor or engine or actuator or generator)	HCDAT	2002/10/02 12:01
3 solvent near6 isopar same hexane same USPAT 2003/10/23 13:01	1			USYAL	2003/10/23 13:01
		1	2022011414		1
	_	3	solvent near6 isonar same hexane came	USPAT	2003/10/23 13.01

	14	dilut\$4 same ferrofluid same (cp or	USPAT	2003/10/23 13:11
		centipoise or viscosity or poise)		
_	64		USPAT	2003/10/23 13:20
	0	viscocity same bearing same ferrofluid	USPAT	2003/10/23 13:20
_	70	ferrofluid same (viscocity or cp or	USPAT	2003/10/23 13:22
		centipoise or poise)		
_	14		USPAT	2003/10/23 13:30
		cp or centipoise or poise)		
_	9318	hexane same heptane same xylene same	USPAT	2003/10/23 13:35
		solvent		
] -	98	hexane same heptane same xylene same	USPAT	2003/10/23 13:35
		solvent same isopar		
-	1.23	hexane same heptane same xylene same	USPAT	2003/10/23 13:35
		isopar		
] -	3	ferrofluid same isopar	USPAT	2003/10/24 09:23
_	801	isoparaffinic same isopar	USPAT	2003/10/24 09:24
-	1	isoparaffinic near2 acid same isopar	USPAT	2003/10/24 09:24
-	6		USPAT	2003/10/24 09:52
		or 5775169.pn. or 5815416.pn. or		
		5908987.pn.		
-	6	5452520.pn. or 5818132.pn. or 5347186.pn.	USPAT	2003/10/24 09:52
		or 5775169.pn. or 5851416.pn. or		
		5908987.pn.		)
_	0	(5452520.pn. or 5818132.pn. or 5347186.pn.	USPAT	2003/10/24 09:53
		or 5775169.pn. or 5851416.pn. or		]
		5908987.pn.) and mineral		
-	3	(5452520.pn. or 5818132.pn. or 5347186.pn.	USPAT	2003/10/24 10:01
		or 5775169.pn. or 5851416.pn. or		
		5908987.pn.) and (silicone or kerosene or	1	)
		isoparaffinic or parafinnic or fluorcarbon		
		or hydrocarbon)		ì
-	5144		USPAT	2003/10/24 10:06
	1	same mineral near2 oil		1
-	582		USPAT	2003/10/24 10:07
}		(kerosene or heptane)		ì
-	0		USPAT	2003/10/24 11:39
-	1	,	USPAT	2003/10/24 11:49
-	2		USPAT	2003/10/24 11:50
	L2	6191507.pn. or 5023495.pn.	USPAT	2003/10/24 13:29